

File No. \_\_\_\_\_

T. 19 N 38 E 10

DUPLICATE

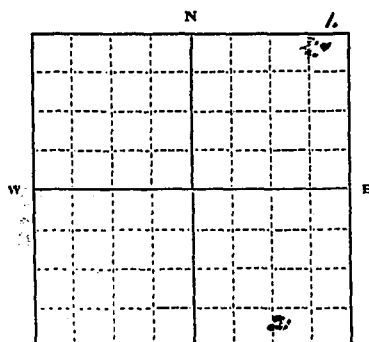
County G.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Jean May Nelson, of Jordan (Name of Appropriator) (Address) (Town)  
County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1. NE 1/4 Sec. 10 T. 19 R. 38 N

2. SE 1/4 Sec. 10 T. 19 R. 38 N

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based 1, 2, 4  
Stock Water (3) Domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958 (2) 1961 (3) 1962  
Continuous use 4. 1939

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1. 9-12-58 to 9-17-58 (2) 1942  
2. 10-23-61 to 10-27-61 (4) 1939

8. The depth of water table 1. 140 ft. 2. 100 ft. (3) 12 ft. (4) 8 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater (3) 38 ft. depth - 6" pipe

1. 290 ft. depth - 4" pipe (4) 14 ft. depth  
2. 240 ft. depth - 4" pipe (Bore well)

10. The estimated amount of groundwater withdrawn each year. over 500,000 gal.

11. The log of formations encountered in the drilling of each well if available  
1. Recorded in Document # 121105 - Page 22  
2. 18 ft. to water  
3. 18 ft. to water  
4. 8 ft. to water  
# 121106 Page 61

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record as limited in question no. 11.

Signature of Owner Mrs. Jean May Nelson  
By Fern E. Sepellhoff  
Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23664

748

125407

STATE OF MONTANA  
County of Garfield

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this 31 day of Dec

A. D. 1963 at 10:20 clock P. M.

Charles E. Vaughan  
County Clerk and Recorder

By Marianne R. James  
Deputy

Fee Paid \$ 3.00

INDEXED ms  
FILED ms

RECEIVED

OCT 23 1959

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

T. 19N R. 38E

County Garfield

WATER WELL LOG


Owner W. A. (Bill) Nelson Address Jordan, Montana

Driller Merle Drane Address Jordan, Montana

Date Started 9/12/58 Date Completed 9/17/58

Location: Sec. 10 T. 19 R. 38 1/4 sec. NE 1/4

Type of well Drilled Equipment used Rotary

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 165 ft. Type standard pipe Size 4"

Casing: 165 ft. to 290 ft. Type Standard pipe Size 2"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 155 to ft. 165 Ft. to ft.

Type of screen or perforations holes

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 140 feet at 2 gal. per min.

How tested: bailer

Length of test 5 minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

### Log of Well

[illegible]

10  
T. 19N R. 38E  
County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
OCT 27 1961

WATER WELL LOG

STATE ENGINEER


Owner W.A. Nelson Address Jordan, Montana  
Driller Merle Drans Address Jordan, Montana  
Date Started October 23, 1961 Date Completed October 27, 1961  
Location: Sec. 10 T. 19N R. 38E ¼ sec. SE ¼

Type of well drilled Equipment used Rotary  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ~~750X~~ ft. to 240 ft. Type iron Size 4 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 190 to ft. 230 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots

Static Water level, for non-flowing well: waters comes to 100 feet from top feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level \_\_\_\_\_ feet at 5 gal. per min.

How tested: bailer

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

File No. \_\_\_\_\_

T. 19 N. R. 38 E.

DUPLICATE

County Garfield

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

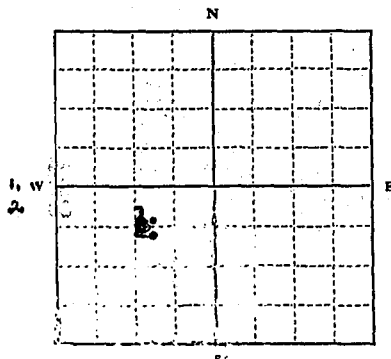
**Declaration of Vested Groundwater Rights** JAN 8 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Josephine F. Lincher, of Jordan, (Name of Appropriator) (Address) (Town)

County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based

1. Stock & Domestic, 2. Stock & Domestic3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1917-- Daily use.4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1. 5 gal per Min.2. Natural Seepage

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

1. pump 2. Natural Seepage

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

1. 1917-- Completed and dug deeper in 1924.2. 1917 re-opened in 1960.8. The depth of water table 1. 12 feet to water ; 2. water comes above ground naturally9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1. dug well with 3 inch pipe10. The estimated amount of groundwater withdrawn each year 200,000 gal yearly or more11. The log of formations encountered in the drilling of each well if available none available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

none on recordSignature of Owner Josephine F. LincherDate January 3, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

27007

783

125478

STATE OF MONTANA }  
County of Garfield }

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana  
this 3 day of Jan

A. D. 1964 at 11:30 o'clock A M

Charles E. Tangherlin  
County Clerk and Recorder

By Marianne R. Quinn  
Deputy

Fee Paid \$ 2.00

mf  
Cur

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. ....

T. 19 N. R. 38 E.

DUPLICATE

County Garfield

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

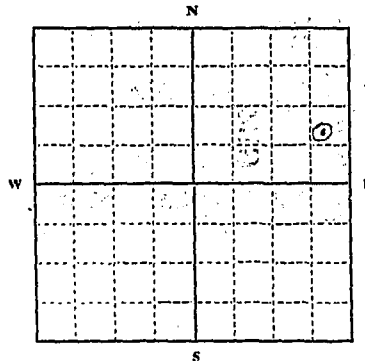
JAN 6 1964

STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Norval Dean Nelson, of Jordan  
(Name of Appropriator) (Address) (Town)  
County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 E. Sec. 19 T. 19 R. 38  
Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based 2 Houses  
garden & Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Apr. 1959 - in use  
continually from Date of Drilling
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gpm Per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Irrigated garden one year
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep Well  
Jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1959
8. The depth of water table 90 Feet (ground to Top of Water)
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled - 4 1/2" - 265 Ft
10. The estimated amount of groundwater withdrawn each year 300,000
11. The log of formations encountered in the drilling of each well if available Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner N.D. NelsonDate 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23655

739

125398

STATE OF MONTANA }  
County of Garfield }

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this 31 day of Dec

A. D. 1963 at 1:00 o'clock P M.

Charles E. Hargrave

County Clerk and Recorder

By Marion R. Hargrave

Deputy

Fee Paid \$ 2.00

INDEXED  
FILED

File No. \_\_\_\_\_

T. 19 N. 38 E.

DUPLICATE

County GARFIELD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

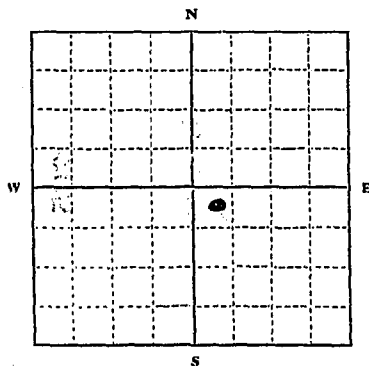
RECEIVED  
JAN 6 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. PHILIP PATRICK MURNION, of Box 721 JORDAN  
(Name of Appropriator) (Address) (Town)  
County of GARFIELD State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NE  $\frac{1}{4}$  Sec 29 T 19 R 38

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based LIVESTOCK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 GALLON PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
NOT USED FOR IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal WINDMILL + PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL WAS ON LAND WHEN PURCHASED

8. The depth of water table 25 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 180 FT. DRILLED, 4 IN CASING.

10. The estimated amount of groundwater withdrawn each year 500,000 GALLONS

11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE.

Signature of Owner Philip MurnionDate Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23681

765

125424

STATE OF MONTANA }  
County of Garfield }

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this 31 day of Nov

A. D. 1903 at 1-26 o'clock P M.

Charles P. Rogers  
County Clerk and Recorder

By Marian P. Davis  
Deputy

Fee Paid \$ 27 <sup>00</sup>

INDEXED  
FILED

File No. \_\_\_\_\_

DUPLICATE

T. 19N R. 38E

County. GARFIELD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

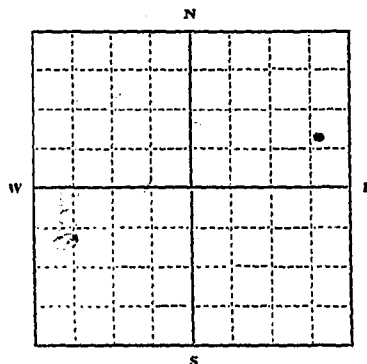
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. PHILIP PATRICK MURNION, of Box 721 JORDAN  
(Name of Appropriator) (Address) (Town)

County of GARFIELD State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE Sec 31 T. 19 R. 38

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based HOME  
+ LIVESTOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been DEC. 1958 CONTINUOUS  
USE EVER SINCE.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 1/2 GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
NOT USED FOR IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC  
PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. DEC 1958

8. The depth of water table. 10 FT. TO WATER

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 80 FT DEEP. WATER COMES  
UP TO WITHIN 10 FT. OF TOP OF GROUND.

10. The estimated amount of groundwater withdrawn each year. 930,000.

11. The log of formations encountered in the drilling of each well if available. NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NONE.

Signature of Owner Phil MurnionDate Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23682

766

125425

STATE OF MONTANA  
County of Garfield

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this 21 day of Dec

A. D. 1923 at 1-23 o'clock P. M.

County Clerk and Recorder

By James K. Jones Deputy

Fee Paid \$ 2.00

my  
cap

JUL 2 1958

County Garfield

Butte, Montana

35


Address.....Jordan, Montana  
Box 2

Address.....Wolf Point, Montana

Date Completed.....6/5/58.....

sec.....SE2.....

(Dug, driven, bored, or drilled)

.....  
(Churn drill, rotary, other



□

□

Other:

..ft. to.....46.....ft

Type.....steel

Size.....1 1/2 inch

..ft. to.....ft

Type.....

.. **Size**.....

..ft. to.....ft

Type.....

Size.....

: Ft.....31..... to ft.....16

. Ft..... to ft

ations..... $\frac{1}{2}$  inch slot

non-flowing well:.....30.....fe

Flowing well:.....lb./sq. in. on:.....

12	feet at	1	gal per min

baler &amp; numi

3 hours

... (casing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

## GROUNDWATER INDEX

Page 1 of 1

County Garfield Twp. 197 Rge. 396

[illegible]

GW

Approved Stock Form—State Publishing Co., Helena, Montana—4234

File No. \_\_\_\_\_

T19N R39E

DUPLICATE

County Garfield

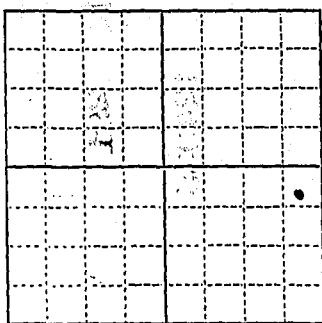
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Dina G. Fogle of Jordan  
(Name of Appropriator) (Address) (Town)  
County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 1 T19N R39E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based  
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1920  
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
5 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Stock pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1920
8. The depth of water table  
80 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
drilled well - 4 in diameter  
16 ft deep
10. The estimated amount of groundwater withdrawn each year  
756,000 gals
11. The log of formations encountered in the drilling of each well if available  
N/A
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
N/A

Signature of Owner Dina G. Fogle

Date Dec 26 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14745

291

124935

STATE OF MONTANA }  
County of Cascade }

Filed in the \_\_\_\_\_ of the County \_\_\_\_\_ and  
Recorder of Cascade County, State of Montana,  
this 26 day of Dec.

A. D. 1963 at 3:30 o'clock P. M.

James B. Thompson  
County Clerk and Recorder

By James B. Thompson  
Deputy

Fee Paid \$ 3.00

WJ  
Long

GV.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. \_\_\_\_\_

T. 19 N. R. 39 E.

DUPLICATE

County Garfield

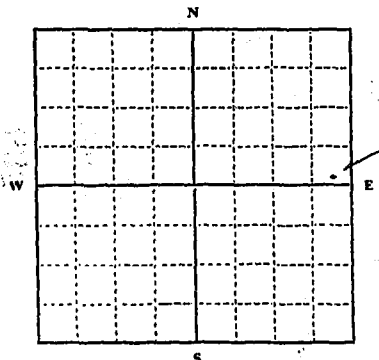
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Norman Olson, of Jordan  
(Name of Appropriator) (Address) (Town)  
County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 7 T. 19 R. 39

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House hold & live stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1951. It is used every day, year around.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 1/5 gal.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump & electricity
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1951
8. The depth of water table 100 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 16.8 ft. 4 inch casing
10. The estimated amount of groundwater withdrawn each year 4,000 gal.
11. The log of formations encountered in the drilling of each well if available 1 wt. 18 ft. and 4 gravel - 69 ft. shale - 5 ft. Red. 16.5 ft. shale & 8 ft. water sand.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Norman E. Olson  
Date Dec 30 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23551

635

125294

STATE OF MONTANA }  
County of G. Field }

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this 31 day of Dec

A. D. 1914 at 10:4 o'clock A. M.

Charles E. Pearson  
County Clerk and Recorder

By Marion R. Jensen  
Deputy

Fee Paid \$ 3.00

INDEXED nd  
FILED exp

GV

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. \_\_\_\_\_

T. 19<sup>N</sup> R. 39<sup>E</sup>

DUPLICATE

County Garfield

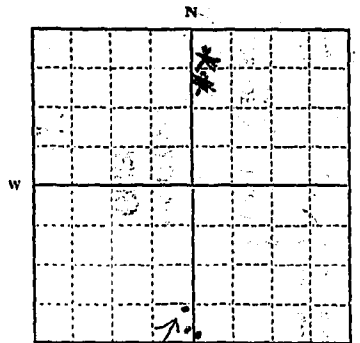
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dina G. Fogle, of Jordan,  
(Name of Appropriator) (Address) (Town)  
County of Garfield State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 8, T. 19 N. R. 39 E.  
Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based Stock Water House Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933 steady use  
1952 steady use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gals per min.  
1 gal per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
N/A

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Stock pump  
centrifugal jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1933 - 1952

8. The depth of water table 20 ft. 34 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 30 ft depth 6 ft diameter  
Hand dug  
36 ft depth 4 in diameter drilled

10. The estimated amount of groundwater withdrawn each year 18.25 ft<sup>3</sup> 100,000 gals.

11. The log of formations encountered in the drilling of each well if available  
Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
N/A

Signature of Owner Dina G. Fogle  
Date Dec 26 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14743

289  
124933

STATE OF MONTANA }  
County of C. }

Filed in the office of the County Clerk and  
Recorder of Granite County, State of Montana

to 26 June -

A D. 1963 3:19 P. M. CL

Charles E. Langhorne -  
order

By Marion R. Jones  
Deputy

Fee Paid \$ 2.00

MI  
CL

File No. ....

T. 19 N. 39 E.

DUPLICATE

County Bartfield

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

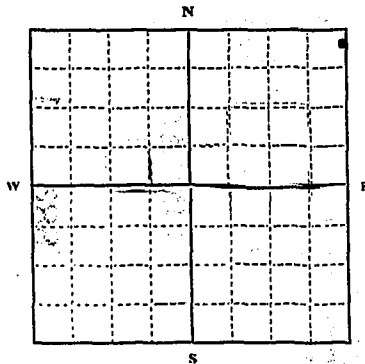
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Dina G. Fogle, of Jordan  
(Name of Appropriator) (Address) (Town)

County of Bartfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 24 T. 19 N. R. 39 E

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based.....

Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....

1920 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....

5 gpm

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

N/A

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....

Stock Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....

1920

8. The depth of water table.....

15

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....

4 in diameter. drilled well - depth, 130 ft.

10. The estimated amount of groundwater withdrawn each year.....

756,000 gal.

11. The log of formations encountered in the drilling of each well if available.....

Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

NoneSignature of Owner Dina G. FogleDate Dec 26 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

14742

288

124932

STATE OF MONTANA }  
County of Cascade

Filed in the office of the County Clerk and  
Recorder of Cascade County, State of Montana,  
this 26 day of May.

A. D. 1903 at 3:05 o'clock P. M.

Charles E. Dargatzis  
County Clerk and Recorder  
Marian H. Dargatzis  
Deputy

Fee Paid \$2.00

INDEXED mg

FILED csd

OW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. \_\_\_\_\_

T. 19N R. 39E

DUPLICATE

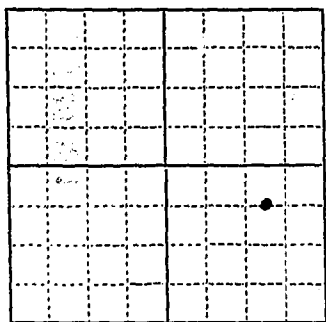
County Garfield

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. Dina D. Eagle of Jordan  
(Name of Appropriator) (Address) (Town)  
County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE 1/4  
Sec. 24 T. 19E R. 39N

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based.  
House + Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 1/2 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Stock Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920
8. The depth of water table 30 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well - depth 120 ft. 4 in diameter
10. The estimated amount of groundwater withdrawn each year 985,500
11. The log of formations encountered in the drilling of each well if available.  
Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  
None

Signature of Owner Dina D. Eagle

Date Dec 26 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14744

290

124934

STATE OF MONTANA  
County of Cascade }

Filed in the \_\_\_\_\_ of the County of \_\_\_\_\_  
Recorder of said County, State of M  
this 26 day of Dec.

A. D. 1913 at 3:45 o'clock P. M.

John E. Ferguson  
County Clerk and Recorder

By Marion E. Ferguson  
Deputy

Fee Paid \$2.00

INDEXED md  
FILED ms

Page 1 of 1

County Garfield Twp. 197 Rge. 406.

[illegible]

Form No. 18  
8-60

T. 19N R. 40E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

14  
RECEIVED  
JAN 2 1962

STATE ENGINEER

Water Well Log


Owner MR. Carl Swanson Address Jordan, Montana

Driller Carl Jerrel Address Wils City, Montana

Date Started 9/59 Date Completed 9/59

Location: Sec. 14 T. 19N R. 40E  $\frac{1}{4}$  sec. SE  $\frac{1}{4}$

Type of well DRILLED Equipment used ROTARY  
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐

Casing: 0 ft. to 50 ft. Type iron Size 4 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 30 to ft. 50 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots

Static water level, for non-flowing well: 10 feet from top feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level \_\_\_\_\_ feet at 9 gal. per min. \_\_\_\_\_

How tested: bailer

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

## Log of Well

[illegible]

15

T. 19N R. 40E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JUL 26 1961

WATER WELL LOG

STATE ENGINEER


Owner Ed Gagnon Address Jordan, Montana

Driller Carl Jerrel Address Miles City, Montana

Date Started July 15, 1961 Date Completed July 18, 1961

Location: Sec. 15 T. 19N R. 40E 1/4 sec. SE 1/4

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Rotary (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 220 ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 180 to ft. 220 Ft. to ft.

Type of screen or perforations slots

Static Water level, for non-flowing well: 150 from top feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at 10 gal. per min.

How tested: bailer

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

T. 19 N. R. 40 E.

County.

RECEIVED

JUL 28 1961

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG


Owner. Jasper Likes Address. Jordan, Montana

Driller. Merle Drane Address. Jordan, Montana

Date Started. 2/27/1961 Date Completed. 3/15/61

Location: Sec. 21 T. 19 N. R. 40 E. 1/4 sec. SE 1/4

Type of well. Drilled Equipment used. Rotary  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ft. to 315 ft. Type. Size. 1 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type. Size.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type. Size.

Perforated or Screened: Ft. none to ft. Ft. to ft.

Type of screen or perforations.

Static Water level, for non-flowing well: water comes to 20 feet from top feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level. \_\_\_\_\_ feet at 30-40 gal. per min.

How tested: bailer (thinks that it can't be pumped dry)

Length of test.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

T. 19N R. 40E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JUL 26 1961

WATER WELL LOG

STATE ENGINEER


Owner Ed Gagnon Address Jordan, Montana

Driller Carl Jerrel Address Miles City, Montana

Date Started July 18, 1961 Date Completed July 20, 1961

Location: Sec. 23 T. 19N R. 40E 1/4 sec. NW 1/4

Type of well Drilled Equipment used Rotary  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 115 ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 105 to ft. 115 Ft. to ft.

Type of screen or perforations slots

Static Water level, for non-flowing well: 12 feet from top feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: feet at 20 gal. per min.

How tested: bailer

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

MONTANA WATER RESOURCES BOARD

File No. \_\_\_\_\_

**RECEIVED**

T. 19N R. 40E

DUPLICATE

LOG

AUG 11 1967

County Garfield

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Phil Tellman Address Jordan, Mont.

Driller Merle Diane Address Jordan, Mont.

Date of Notice of appropriation of groundwater.....

Date well started..... Date completed July 29, 67

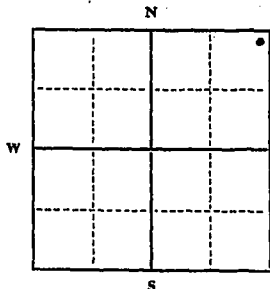
Type of well drilled Equipment used rotary  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

1-6 clay  
6-10 sand & gravel  
10-60 shale  
60-75 sand  
75-80 shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
20" 9"	4 in	1	20			
3 7/8"	2" 6"	1	80	shots 4x4	40	80



Static Water Level for non-flowing well..... feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level..... feet

at..... gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested.....

Length of Test.....

Remarks: Gravel packing, cementing, packers, type of shutoff)

NE 1/4 N 1/4 Sec 23 T. 19. R. 40  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

42,198

825  
131585

STATE OF MONTANA }  
County of Garfield

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this 2nd day of Aug

A. D. 1967 at 9:10 o'clock P. M.  
Charles E. Dangler  
County Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee Paid \$ 2.00


INDEXED  
FILED

NOTED  
FILED  
INDEXED  
FILED

1-2-67  
5-10-67  
1-1-68  
1-1-68  
1-1-68

DEPARTMENT OF REVENUE  
WASHINGTON, D. C.  
BUREAU OF CONSTRUCTION  
DIVISION OF CONSTRUCTION

1006  
1006  
1006

RECEIVED  
MONTANA WATER RESOURCES BOARD

0  
0

2  
2

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. \_\_\_\_\_

T. 19 N R. 40 E

DUPLICATE

County Garfield

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

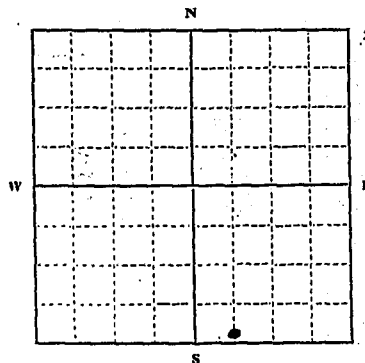
RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James J. Murnion, of Jordan  
(Name of Appropriator) (Address) (Town)  
County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SWSE 1/4 Sec. 26 T. 19 R. 40

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Artesian
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table Natural Flow
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
3" casing 70' Deep
10. The estimated amount of groundwater withdrawn each year 5,000,000 gal
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
none

Signature of Owner

James J. Murnion  
Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23447

533  
125190

STATE OF MONTANA }  
County of Garfield }

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this..... day of.....  
A. D. 1963 at 8:30 o'clock A M.

*Charles E. Rogers*  
County Clerk and Recorder

By *Marvin R. James*  
Deputy

Fee Paid \$ 2.00

INDEXED  
FILED  
*mf*  
*exl*

File No. ....

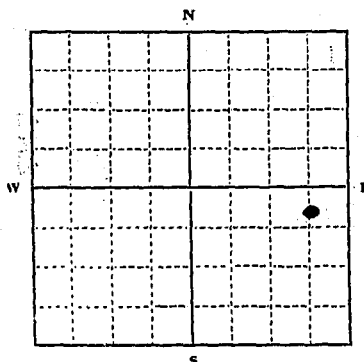
DUPLICATE

T. 19 N. R. 40 E. 21  
County. GarfieldSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 8 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edward & Isabel E. Gagnon, of Jordan  
(Name of Appropriator) (Address) (Town)  
County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NESE 1/4 Sec. 27 T. 19 R. 40

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based, Stockwater3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1935used 6 months each year4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

windmill7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 19358. The depth of water table. 3'9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 100' deep 4" casing10. The estimated amount of groundwater withdrawn each year. 500,00011. The log of formations encountered in the drilling of each well if available. not available12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. noneSignature of Owner Edward GagnonDate 1-3-64

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

27011

787

125482

STATE OF MONTANA }  
County of Garfield

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this 3 day of June

A. D. 1914 at 11:56 o'clock P. M.

Charles E. Thompson  
County Clerk and Recorder  
Marion H. Davis  
Deputy

Was Paid \$ 2.00

INDEXED 29  
FILED 29

T. 19N R. 40E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JUL 28 1961

WATER WELL LOG

STATE ENGINEER


Owner ~~1955~~ Jasper Likes Address Jordan, Montana

Driller Merle Drane Address Jordan, Montana

Date Started 3/15/61 Date Completed 3/22/61

Location: Sec. 29 T. 19N R. 40E 1/4 sec. ~~XXXXXX~~ NW 1/4

Type of well DRILLED Equipment used Rotary  
(Dug, driven, bored, or drilled) (Chain drill, rotary, other)

Water use: Domestic ☐ Municipal ☒ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 196 ft. Type Size 1 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. none to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 60 feet from top feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at 1 gal. per min

How tested: bailer

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

## Log of Well

[illegible]

Form No. 18  
8-60

T. 3N R. 40E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 3 1962

Water well log

STATE ENGINEER


Owner James C. Coker Address Jordan, Montana

Driller W. H. Coker Address Jordan, Montana

Date Started 7/28/61 Date Completed 8/1/61

Location: Sec. 3 Twp. 18N. R. 40E.

Type of well drilled (Dug, driven, or drilled) Rotary (Dug, driven, or drilled) rotary (Dug, driven, or drilled)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Casing: 2 ft. to 305 ft. Type iron Size 4 inch

Casing:        ft. to        ft. Type        Size       

Casing:        ft. to        ft. Type        Size       

Perforated or screened: Ft. 285 to ft. 305 Ft.        to ft.       

Type of screen or perforations slots

Static water level, for non-flowing well: 160 from top feet.

Shut-in pressure, for flowing well:        lb./sq. in. on:        (date)

Pumping water level        feet at 7 gal. per min.

How tested: hailer

Length of test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

One well drilled in 1914; no log furnished; Section 3, Twp 18N., Rge 40E. NE 1/4; depth 100 feet, flowing well; 4 inch casing.

One well drilled in 1914; NE 1/4 OF Section 10; Twp 18N., Rge 40E.; depth 125 ft., pumps about 4-5 gallons per minute; (over) No log furnished with this well.

Log of well

[illegible]

Form No. 18  
8-60

T. 19N R. 40E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

STATE ENGINEER

Water Well Log


Owner Floyd Osborn Address Jordan, Montana

Driller Merle Drans Address Jordan, Montana

Date Started 7/61 Date Completed 7/61

Location: Sec. 32 T. 19N R. 40E  $\frac{1}{4}$  sec. NE1/4

Type of well drilled Equipment used Rotary  
(log, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 0 ft. to 212 ft. Type iron Size 4 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 190 to ft. 212. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots

Static water level, for non-flowing well: 60 feet from top feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level \_\_\_\_\_ feet at 5 gal. per min.

How tested: bailer

Length of test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

## Log of Well

[illegible]

GW

File No. ....

T. 19 N R 40 E

DUPLICATE

County Garfield

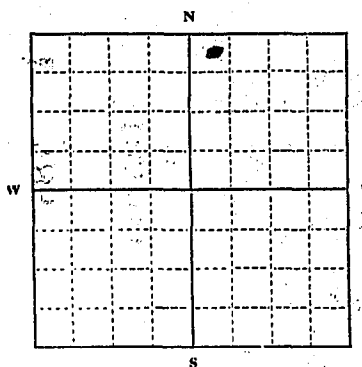
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 227, Montana Session Laws, 1961)

1. Edward & Isabell E. Gagnon of Jordan  
(Name of Appropriator) (Address) (Town)  
County of Garfield State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NNNE 1/4 Sec. 35 T. 19 R. 40

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1931  
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 gpm

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Artesian - flowing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1931

8. The depth of water table. flowing

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 60'

10. The estimated amount of groundwater withdrawn each year. 5,000,000

11. The log of formations encountered in the drilling of each well if available. not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner Edward Gagnon

Date 1-3-64

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

27009

785

125480

STATE OF MONTANA }  
County of Garfield }

Filed in the office of the County Clerk and  
Recorder of Garfield County State of Montana,  
this 3 day of Jan.

A. D. 1964 at 11:45 o'clock AM.

Charles E. Langston  
County Clerk and Recorder

By Mervin B. Jones  
Deputy

Fee Paid \$ 2.00

INDEXED  
FILED cup

Form No. 18  
8-60

T. 19N R. 10E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

35  
RECEIVED  
JAN 2 1962

STATE ENGINEER

Water Well Log


Owner Carl Swanson Address Jordan, Montana

Driller Munson Drilling Co. Address Miles City, Montana

Date Started 10/47 Date Completed 10/47

Location: Sec. 35 T. 19N R. 10E  $\frac{1}{4}$  sec. SE $\frac{1}{4}$  SE $\frac{1}{4}$

Type of well drilled Equipment used Rotary  
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 0 ft. to 76 ft. Type iron Size 3 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: 3 lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level \_\_\_\_\_ feet at 6 gal. per min. \_\_\_\_\_

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Well drilled about 1910, Section 2, ~~18~~ <sup>Twp</sup> 18 North, Range 38 East, NW $\frac{1}{4}$  NW $\frac{1}{4}$

depth of well about 136 feet, cased with  $\frac{1}{4}$  inch casing, 90 feet.

Driller unknown, flows about 3 gallons per minute.

(over)

## GROUNDWATER INDEX

Page    of   

County Yarfield Twp. 197 Rge. 416

[illegible]

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No. \_\_\_\_\_

T. 19 R. 41 S. 13

DUPLICATE

MAY 13 1970

County GARFIELD

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

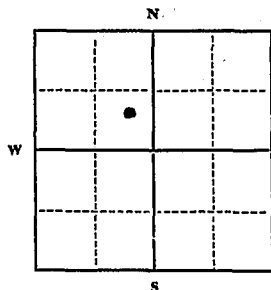
Owner KEVIN SPANCH Address Jordan, MONT.Driller Shane Drilling Service Address Jordan, MONT.

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started 3-22-70 Date completed 4-4-70Type of well drilled Equipment used rotary  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Depth of Stratum	From (Feet)	To (Feet)	PERFORATIONS		
<u>6 in.</u>	<u>4 in. Elastic</u>	<u>1</u>	<u>260</u>	Kind <u>1/2 in. hole</u>	<u>200</u>	<u>249</u>

Doc. No. 135183  
Filed for record  
this 8 day of May  
A. D. 19 70, at 11:55  
o'clock am.Static Water Level for non-flowing well  
90 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 136 feet  
at 7 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested pumpLength of Test 2 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

SE 1/4 Sec. 13, T. 19, R. 41  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 29Driller's Signature Shane Drilling Service  
46437

3  
J. W. Will  
Larr Ranch  
Public, the

A. D. 19 70 at 11:55 o'clock PM  
Charles E. Coughlan  
 County Clerk and Recorder  
Deputy  
 By Deputy  
 Fee Paid \$2.00

1. The first part of the report is a general statement of the purpose and scope of the study. It states that the purpose of the study is to determine the effect of the new tax law on the income of the individual. The scope of the study is limited to the income of the individual.

2. The second part of the report is a description of the sample. It states that the sample consists of 100 individuals who are members of the American Association of University Professors. The sample is representative of the population of university professors in the United States.

3. The third part of the report is a description of the data collection process. It states that the data were collected by mail. The individuals in the sample were sent a questionnaire which they were asked to fill out and return by mail.

4. The fourth part of the report is a description of the data analysis process. It states that the data were analyzed using the chi-square test. This test is used to determine whether there is a significant difference between the observed frequencies and the expected frequencies.

5. The fifth part of the report is a conclusion. It states that the results of the study indicate that the new tax law has a significant effect on the income of the individual.

	•	

[illegible]

File No. ....

T. 19 N. R. 41 E. 18

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JUN 4 1964

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Phil Feldman Address: Jordan, Mont.

Driller: Mike Dsane Address: Jordan, Mont.

Date of Notice of Appropriation of Groundwater: .....

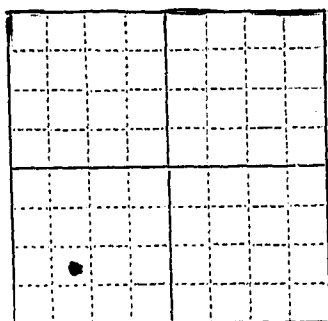
Date well started: 5-13-64 Date Completed: 5-15-64

Type of well: drilled Equipment Used: rotary  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/2 in.	4 1/2 in.	0	320	slotted 3/4 in.	300	320



SW 1/4 Sec. 18 T. 19 R. 41

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well: 140 feet.

Shut-in Pressure for Flowing Well: none

Pumping Water Level: 168 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well: .....

How Tested: pump Length of Test: 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

Driller's License Number 29

Mike Dsane  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38153

796

126494

STATE OF MONTANA }  
County of Garfield }

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana,  
this 1 day of June

A.D. 1906 6th at 11:05 A.M.

*Charles H. Langhorne*  
County Clerk and Recorder

By *Marion F. Lane*  
Deputy

Fee Paid \$ 2.00

*apm*  
INDEXED  
FILED  
CEC

File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County

1916 41 19  
Starfield  
**RECEIVED**  
JAN 6 1964

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 1916

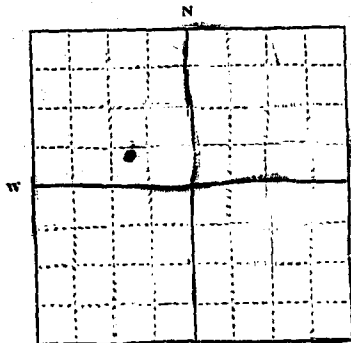
Owner..... Philip J. Fullman Address..... Garden

Contractor (if any)..... None

Address of Contractor..... None

Date Started..... Unknown Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Flowing Spring



SW 1/4 Sec 12 T12 R11

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

75 hd. Cattle the year around

Signature of Owner..... Philip J. Fullman

Date..... Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

502

125159

STATE OF MONTANA  
County of Garfield

Filed in the office of the County Clerk and  
Recorder of Garfield County, State of Montana  
this 30 day of Dec

A. D. 1922 at 11:30 o'clock P.

Charles E. Thompson  
County Clerk and Recorder

Thomas A. Quinn  
Deputy

P. L. S. \$9.00

ml  
eng

RECEIVED

CIVIL ENGINEER

Form No. 18  
8-60

T. 19N R. 41E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

Water Well Log

STATE ENGINEER


Owner Carl W. Mason Address Jordan, Montana

Driller Merle Brant Address Jordan, Montana

Date Started 4/3/61 Date Completed 4/6/61

Location: Sec. 18 T. 19N R. 41E 1/4 sec. NE

Type of well drilled ( dug, driven, or drilled ) Equipment used Rotary ( churn, drill, or other )

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Casing: 0 ft. to 286 ft. Type iron Size 4 1/2 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 206 to ft. 286 . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots

Static water level, for non-flowing well: 120 feet from top feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gpm.

How tested: \_\_\_\_\_

Length of test 10 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

## Log of Well

[illegible]